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(71) Applicant: UNILEVER PLC
Unilever House Blackfriars P.O. Box 68
London EC4P 4BQ (GB)

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(71) Applicant: UNILEVER NV
Burgemeester s'Jacobplein 1 P.O. Box 760
NL-3000 DK Rotterdam (NL)

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(54) Cosmetic composition.

(57) A composition suitable for topical application to mammalian skin or hair comprises:

(a) a growth factor chosen from:

- (i) transforming growth factor alpha (TGF- α).
- (ii) transforming growth factor beta (TGF- β).
- (iii) insulin-like growth factor-1 (IGF-1).
- (iv) fragments thereof of one or more of said growth factors, and
- (v) mixtures thereof of said growth factors or fragments of said growth factors; and

(b) a cosmetically acceptable vehicle for the growth factor or fragments thereof; the total amount of growth factor being sufficient to increase hair growth in the rat, when the composition is applied topically thereto over a period of no more than 3 months, by at least 10% more than that obtainable using a control composition from which the said growth factor has been omitted, in accordance with the Rat Hair Growth Test.



EUROPEAN SEARCH REPORT

EP 89 30 2755

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)						
X	FR-A-2 533 438 (SEDERMA) * Claims; page 5, table: last entry * ---	1, 9-11	A 61 K 7/06 A 61 K 7/48						
P, X	EP-A-0 272 920 (UNILEVER) * Claims; page 3, line 45 - page 4, line 15; page 5, line 9 - page 10, line 46; page 12, lines 44-56; page 12, line 58 - page 14, line 30; example 1 * ---	1-29							
P, Y	EP-A-0 280 460 (ELI LILLY) * Page 1, lines 28-29; claims * ---	1							
Y	EP-A-0 190 018 (ONCOGEN) * Claims * ---	1							
Y	SCIENCE, vol. 229, no. 4714, 16th August 1985, pages 673-675; J.P. TAM: "Physiological effects of transforming growth factor in the newborn mouse" * Page 674, column 3, paragraph 2 - page 675, column 1, paragraph 1; page 674, table 2 * -----	1							
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)						
			A 61 K						
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>13-11-1989</td> <td>WILLEKENS G.E.J.</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	THE HAGUE	13-11-1989	WILLEKENS G.E.J.
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CATEGORY OF CITED DOCUMENTS									
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document							